ABSTRACT

In ophthalmology a cataracted lens is removed from the eye and replaced with an artificial one. Presently, an artificial lens, packaged in a clean room is shipped in a sterile package. The surgeon, after excising the cataracted lens, removes the artificial lens from the package and inserts it into the eye. The success of the operation done in this manner is subject to the skill of the surgeon, and possible contamination. A large incision requiring stitching is necessary unless the lens is folded. Folding tends to exceed the modulus of elasticity of the lens and a lens folded in this manner unfolds uncontrollably in the eye and needs adjustment.

The **Furler & Injector**, which curls or furls the lens, is also the package and the lens is never exposed to the air. A curled or furled lens uncurls gradually and stays put. Further, using elements and components of this invention, the entire operation including excision may be done mechanically independent of the surgeon's dexterity and not one stitch is required.